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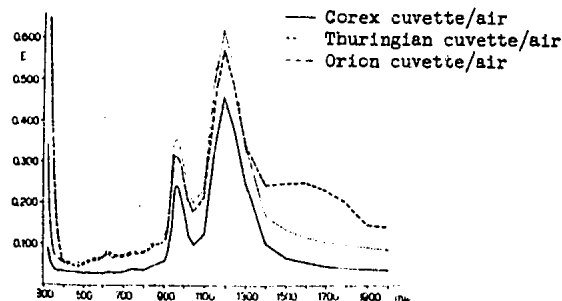
HUNGARIAN GLASS FOR SPECTROPHOTOMETRIC CUVETTES

Emil Sandi

Because Corex glass is expensive and hard to obtain, the Elelmezestudományi Intézet (Institute of Nutritional Science) is making the cuvettes used in Beckmann spectrophotometry out of ordinary thin Thuringian glass tubes or heat-resistant Orion ampule tubes.

The cuvettes, fashioned from domestic glass, are cylindrical in shape, have a 13-millimeter exterior diameter, and are satisfactory wherever a 1.5-percent error is permissible. Only three out of 150 cuvettes made from Thuringian tubes were rejected.

The appended graph plots the absorption curves of Corex, Thuringian, and Orion glass cuvettes containing distilled water and indicates that Thuringian cuvettes can be used at wave lengths exceeding 350 millimicrons, and Orion cuvettes, at wave lengths exceeding 380 millimicrons.

[Appended graph follows.]

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